2021/2022 Water Supply Scenarios Assuming Continued Drought
Preliminary, Subject to Change (June 3, 2021)

Valley Water Surface Water Supplies and Deliveries

		Calendar Year 2020 Actual	Calendar Year 2021 Best Case	Calendar Year 2021 Worst Case	Calendar Year 2022 Best Case	Calendar Year 2022 Worst Case
Surface Water Supplies						
Imported Water	State Water Project (SWP)	20	5	5	5	5
	Central Valley Project (CVP) - Agriculture Allocation	7	0	0	0	0
	CVP - Municipal and Industrial Allocation	91	42	42	32	32
	Public Health and Safety Supplies (CVP)	0	23	0	10	10
	Water Held over from Previous Year	41	49	49	19	6
	Emergency Water Purchases	15	39	6	30	4
	Semitropic Water Bank Withdrawals	17	31	16	31	16
	Subtotal Imported Supplies	*191*	*189*	*118*	*127*	*73*
Local Water	Runoff into Local Reservoirs	22	10	10	15	15
	Stored in Local Reservoirs from Previous Year	50	16	16	10	10
	Subtotal Local Supplies	*72*	*26*	*26*	*25*	*25*
	Total Surface Water Supplies	**263**	**215**	**144**	**152**	**98**
Water Deliveries						
	Treated Water Sent to Retailers	104	105	85	92	65
	Water Used to Recharge Groundwater	85	74	42	45	22
	Miscellaneous Deliveries	9	7	1	1	1
	Total Surface Water Deliveries	**198**	**186**	**128**	**138**	**88**
Surface Water Supplies Less Water Deliveries		**65**	**29**	**16**	**14**	**10**
Supplies Saved for Next Year						
	Imported Supplies	49	19	6	6	2
	Local Supplies	16	10	10	8	8
	Total Supplies Saved for Next Year	**65**	**29**	**16**	**14**	**10**

Projected Groundwater Conditions

	Calendar Year 2020 Actual	Calendar Year 2021 Best Case	Calendar Year 2021 Worst Case	Calendar Year 2022 Best Case	Calendar Year 2022 Worst Case
Projected End of Year Storage	338	308	258	238	138
Projected Water Shortage Contingency Plan Stage	Stage 1 (Normal)	Stage 1 (Normal)	Stage 2 (Alert)	Stage 3 (Severe)	**Stage 5 (Emergency)**
Projected Stage with Additional Water Use Reduction (15% compared to 2019 use beginning July 2021)		Stage 1 (Normal)	Stage 2 (Alert)	Stage 1 (Normal)	Stage 3 (Severe)

Notes:
1) All values are shown in thousand acre-feet (one acre-foot equals 325,851 gallons) and rounded to the nearest thousand.
2) The best case in this table reflects higher emergency imported water availability under continued drought compared to the worst case which assumes minimal imported water availability.
3) Miscellaneous deliveries include untreated surface water deliveries, flows to the Bay, and the San Francisco Public Utility Commmission Intertie.
4) Local groundwater storage estimates account for projected groundwater pumping based on local and imported water supply availability for recharge and treated water deliveries.

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